



# EPA Response to Hurricane Harvey

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ACTING REGIONAL ADMINISTRATOR

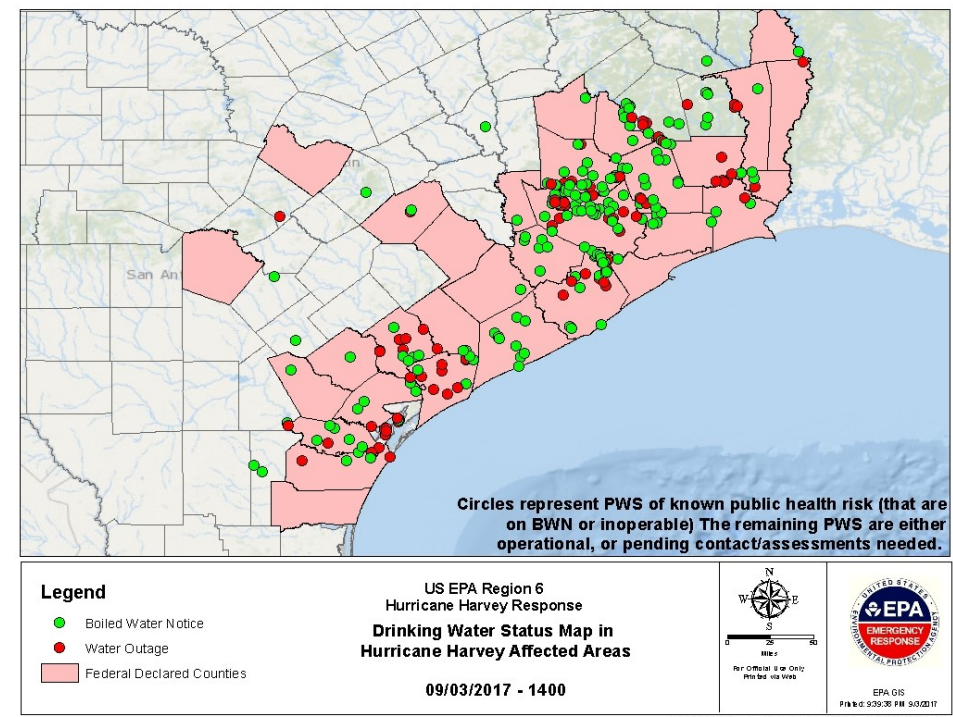
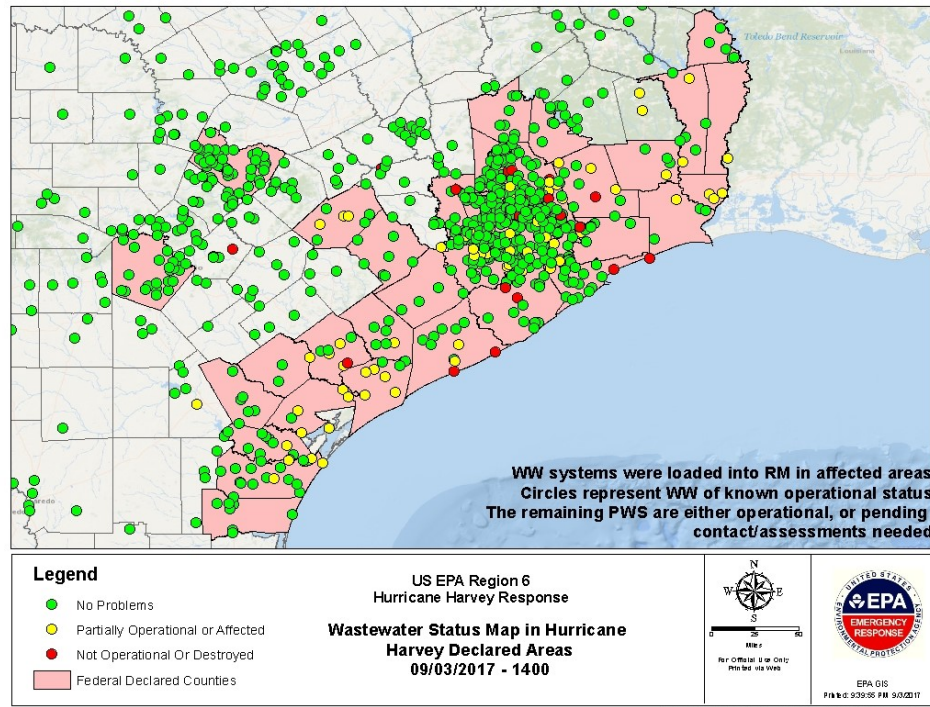
REGION VI



- Phase 1 – 41 Sites completed  
09/01/2017
- Phase 2 – Eleven sites required inspection.
  - 5 sites scheduled for 9/04/2017
  - Remaining 6 sites scheduled for 09/05/2017



# DW/WW Systems



- 10 EPA personnel assisting TCEQ in Austin working phone bank
- 12 EPA personnel on teams with TCEQ assessing systems and providing assistance to restore operations.



# Accomplishments To Date

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- Numerous hazard evaluations completed in Houston and Corpus Christi
  - Houston – two significant releases requiring follow up
  - Corpus Christi – no significant releases
- Orphan container recovery underway
  - 73 containers recovered
- Seven fuel waivers signed, 7<sup>th</sup> waiver covers 38 states
- Four No Action Assurance letters signed
- Daily Aerial over-flights for air monitoring
- Ground support air monitoring
- 43 Phase 1 NPL site inspections completed



# Projected Work

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- Mobile lab air monitoring in Port Arthur and Houston area this week
- Additional support to DW/WW teams
- Completion of Phase 2 NPL site inspections by 9/5/17
- Private well testing
- Public outreach support for flood water hazards
- Container recovery
- Chemical and oil response as needed
- Debris – EPA involvement uncertain at this time
  - Can perform collection of HHW, E-Goods, and White Goods if tasked





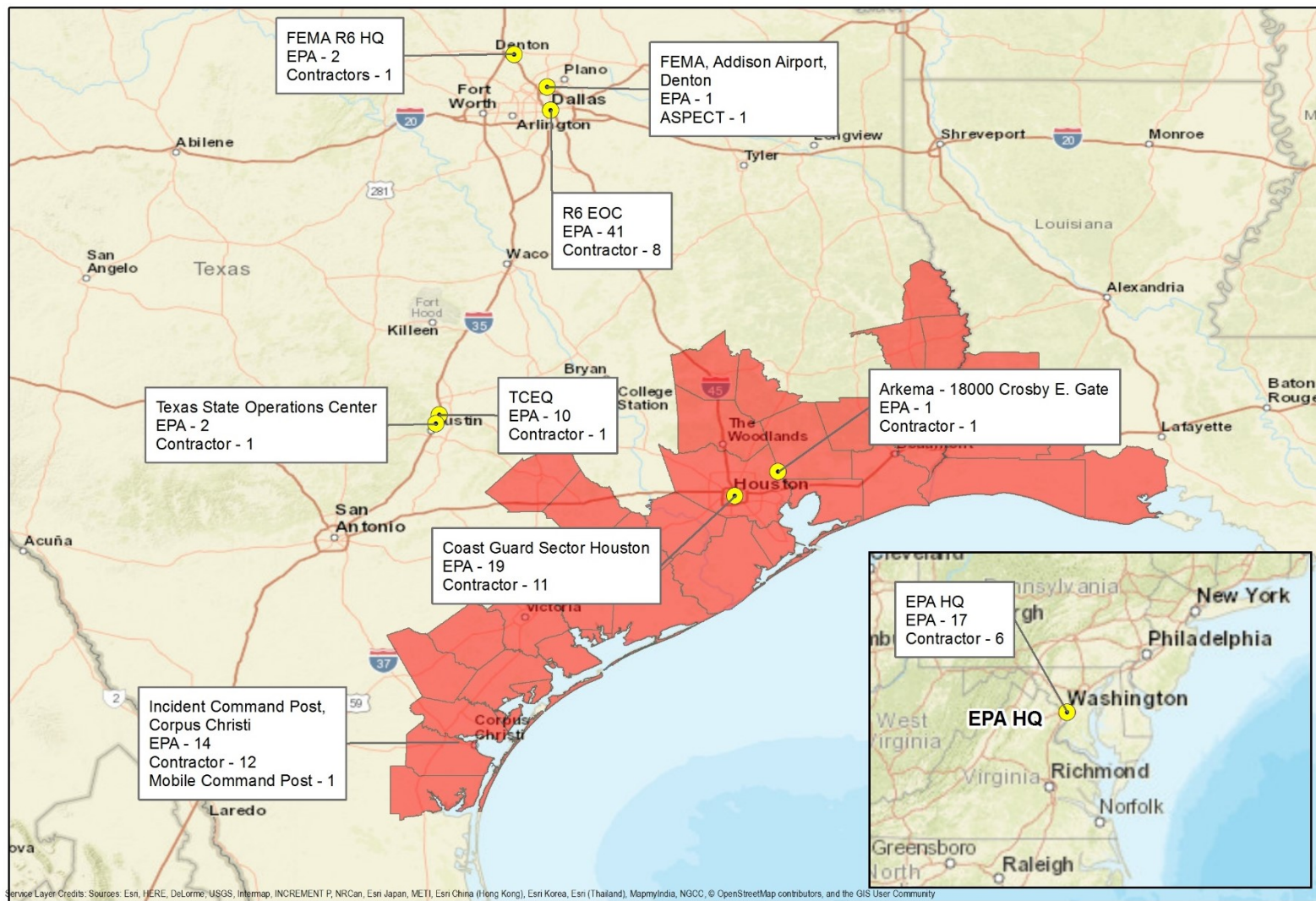
# Arkema Response

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- EPA has provided 24-hour support to the incident.
- EPA role is to monitor environmental impacts of any releases
- Nearly constant aerial surveillance to monitor chemicals and heat imagery
  - no significant chemicals detected
- Ground air monitoring throughout incident – no significant chemicals detected.
- EPA working in Unified Command with Harris County Sheriff's Office, Harris County Fire Marshall's Office, Crosby Fire Department, TCEQ, and Arkema.
- Arkema responsible for post-incident site management, under TCEQ oversight.



# EPA Resources



## People supporting the Response as of now



EPA: 106



Over the next 72 hours: 173



Contractors: 39 Over the next 72 hours 90



1 person = 10 people



# EPA Assets



Portable High-Throughput Integrated Laboratory Identification System (PHILIS)



Trace Atmospheric Gas Analyzer (TAGA):  
EPA's Mobile Sampling and Analysis System